

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

501.36127CC3

10/619,039

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

KOUBUCHI et al

FILING DATE

July 14, 2003

GROUP

2814

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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| <i>LP</i> | | | | | | | | 3/97 | Hirabayashi | | | |
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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

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|---------------------|-----------------|---|---|---|---|---|---|------|-------------|-------|----------|-------------------------------|
| SM/LP | 5 | 4 | 9 | 8 | 5 | 6 | 5 | 3/96 | Gocho et al | | | |
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| | | | | | | | | | | | | YES | NO |
| SP/LP | 5 | 2 | 7 | 5 | 5 | 2 | 7 | 10/93 | Japan | | | | |
| SM/LP | 9 | 1 | 8 | 1 | 1 | 5 | 9 | 7/97 | Japan | | | | |
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